



Final Test: Review_part i

Breakdown:

- 80% recent
- 20 review

Format:

- **32 questions** = Ecology and Environmental Issues (things since right before echo hill through last week)
 - 31 are multiple choice
 - 1 is a full-length essay (choice of three topics)
- **8 questions** = Older questions (roughly one from each topic we've discussed)
 - 8 are fill in the blank

Note:

- In 5th and 6th grade study guide questions and test questions were often identical or nearly so. That may not be the case here. Yes, your notes will help. No, there are not any trick questions. Please be prepared.
- For example, you need to recognize that the word that matches "*an organism that makes its own food*" could be "*plant*", "*autotroph*" or "*producer*".
- **To help you practice [here is a set of flashcards](#) with words we learned this year defined slightly differently than in class**

Section One:

Write a paragraph about each of the following. Include an example to make your point clear. Underline your example.

- How living and nonliving things interact
- Benefits and drawbacks of modern technology
- Strategies used to make us spend and buy
- Why biodiversity matters
- Why the human population has gone up so much recently (especially in the 20th and 21st centuries)
- Why there are more producers than consumers
- The rule of 10 with energy
- The rule of 10 with toxins

Section Two:

Organize a three paragraph essay* about one of the following topics**:

- Ocean acidification - <http://climatekids.nasa.gov/ocean/> (scroll down for acidification info)
- Deforestation - <http://www.livescience.com/27692-deforestation.html>
- Nuclear waste disposal - <http://www.nrc.gov/waste.html>
- Light pollution - <http://www.darkskiesawareness.org/faq-what-is-lp.php>
- Overfishing - <http://www.worldwildlife.org/threats/overfishing>
- Food Security - <http://www.who.int/trade/glossary/story028/en/>

*USE THIS SHEET:

<http://educators.brainpop.com/wp-content/uploads/2015/05/3-Para-Essay-Final.pdf>

**you do not need to actually write the essay today

Section Three:

Define each word accurately. Include a picture that matches your definition in the box to the right.

Species	
Population	
Community	
Organism	
Ecosystem	